



# **Solmer**

## **SOLTECH LTD.**

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## *Aliphatic Urethane Acrylate*

# **SU 514**

### Descriptions

SU 514 is a difunctional aliphatic urethane acrylate oligomer with 10% HDDA developed for UV/EB cure coating applications requiring good toughness, very good abrasion resistance and non-yellowing properties.

### Features

- Excellent toughness and flexibility.
- Excellent abrasion and scratch resistance.
- Good adhesion on glass and plastics.
- Non-yellowing.

### Specifications

- Viscosity (mPa.s, 60°C)	7,000 ~ 10,000
- Color ( Gardner )	3 Max
- Density ( g/cm <sup>3</sup> )	1.13
- Molecular weight	2,500
- Functionality	2
- Polymer solid % by weight	90
- HDDA % by weight	10

### Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : plastics, glass
- Plastic coating such as mobile phone (ABS,PC).
- Wood flooring.
- Overprint varnishes.
- Clear coatings.

### Handling

Storage :

Avoid continuous staying over than 40°C  
Handle with care and avoid unnecessary personal contact.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid continuous or repetitive breathing of dust.